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Docket No. YOR920000202US1
(YOR.094)

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AMENDMENTS TO THE CLAIMS:

Claims 26-32, 36, and 37 are canceled without prejudice or disclaimer.

1. (Previously presented) A computer implemented method of reconciling component variables with container variables in a document, comprising:
 - identifying a component variable;
 - determining if there is a container variable in a container that refers to a same domain concept as the identified component variable;
 - if a container variable is determined to refer to the same domain concept as the identified component variable, associating said component variable with said container variable;
 - if no container variable is determined to refer to the same domain concept as the identified component variable, associating said identified component variable with an element in a domain model of the document having a best identity match; and
 - displaying the association between said identified component variable and said container variable or said domain model element to a user,
 - wherein said user either accepts or overrides said association.
- 2-3. (Canceled).
4. (Previously presented) The method according to claim 1, wherein said best identity match comprises a direct match.

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5. (Currently amended) The method according to claim 1, wherein, when said best identity match is determined, a new container variable is created and the identified component variable is linked with the newly-created ~~associated~~ container variable.

6. (Previously presented) The method according to claim 5, wherein the identified component variable assumes a value of the linked container variable in a containing document and the identified component variable is positioned in the document with the value.

7. (Previously presented) The method according to claim 1, wherein said best identity match matches the identified component variable to domain model elements of the document to find the best match.

8. (Canceled).

9. (Previously presented) The method according to claim 1, wherein said identified component variable is interactively displayed.

10. (Previously presented) The method according to claim 1, wherein a plurality of identified component variables in a component are interactively displayed.

11. (Previously presented) The method according to claim 1, wherein said overriding said association comprises actuating the identified component variable and interactively matching the identified component variable to an element in the domain model of the document.

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12. (Previously presented) The method according to claim 11, wherein said overriding said association is performed by said user for multiple identified component variables within a component.

13. (Previously presented) The method according to claim 12, wherein said user interactively determines whether values to be assigned to the identified component variables, once matched, should be the values in the document or the values in the imported components when said imported components have values.

14. (Previously presented) The method according to claim 1, wherein said automatic reconciliation algorithm automatically determines that a value to be assigned to the component variable is the value in the document.

15. (Previously presented) The method according to claim 1, wherein said user overrides said association through a graphical user interface (GUI) by associating said component variable with a domain model element.

16. (Previously presented) The method according to claim 1, wherein the user interactively selects a container value.

17. (Previously presented) A computer-implemented method of automatically reconciling component variables with container variables in a document, comprising:

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identifying a component variable;
determining a container variable that refers to a same domain concept as the identified component variable;
associating said component variable with the container variable; and
accepting and/or overriding said association between said identified component variable and said container variable,
wherein a user interactively performs said accepting and/or overriding.

18. (Previously presented) A computer-implemented method of interactively reconciling component variables with container variables in a document, comprising:

displaying a component variable next to a representation of an element in a domain model of the document;

identifying an association between the component variable and said element in the domain model; and

matching said element of said domain model interactively by a user.

19. (Previously presented) A system for reconciling component variables with container variables in a document relative to a domain model, comprising:

a container including a plurality of container variables;

a component including a plurality of component variables in said document; and

a reconciler that maps container variables in said container with component variables in said component.

wherein said reconciler is manually controlled by a user to perform a mapping.

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20. (Canceled).
21. (Original) The system according to claim 19, further comprising:
a controller for automatically controlling said reconciler to perform said mapping.
22. (Previously presented) The system according to claim 19, wherein if the component variable in the component includes a value, then no mapping is performed by said reconciler.
23. (Original) The system according to claim 19, wherein said component includes a plurality of alternative choices for being mapped by said reconciler.
24. (Previously presented) The system according to claim 19, wherein when said component variables in said document include a value and said reconciler is in an on-state, said reconciler reconciles said component variables in said document with said container variables in said container.
25. (Previously presented) The system according to claim 19, wherein said container variables in said container are reconciled with said component variables in said component.
- 26-32. (Canceled).

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33. (Previously presented) A system for reconciling component variables with container variables in a document, comprising:

means for identifying a component variable;

means for determining if there is a container variable in a container that refers to a same domain concept as the identified component variable;

if a container variable is determined to refer to the same domain concept as the identified component variable, means for associating said component variable with said container variable;

if no container is determined to refer to the same domain concept as the identified component variable, means for associating said identified component variable with an element in a domain model of the document having a best identity match; and

means for displaying the association between said identified component variable and said container variable or said domain model element to a user,

wherein said user either accepts or overrides said association.

34. (Previously presented) A signal-bearing medium tangibly embodying a program of recordable machine readable instructions executable by a digital processing apparatus to perform a method of reconciling component variables with container variables in a document, said method comprising:

identifying a component variable;

determining if there is a container variable that refers to a same domain concept as the identified component variable;

if a container variable is determined to refer to the same domain concept as the identified component variable, associating the component variable with the container variable;

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if no container is determined to refer to the same domain concept as the identified component variable, associating said identified component variable with an element in a domain model of the document having a best identity match; and

displaying the association between said identified component variable and said container variable or said domain model element to a user,

wherein said user either accepts or overrides said association.

35. (Previously presented) A signal-bearing medium tangibly embodying a program of recordable machine readable instructions executable by a digital processing apparatus to perform a method of interactively reconciling component variables with container variables in a document, said method comprising:

displaying a component variable next to a representation of an element in a domain model of the document;

identifying an association between the component variable and said element in the domain model; and

matching said element of said domain model interactively by a user.

36-37. (Canceled).